

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S63 | 7 | S61 and S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 09:50 |
| S64 | 2 | verify\$3 same plane with assumption | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:46 |
| S65 | 16407 | detect\$6 with (obstacle\$1 or object\$1) same plane\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:49 |
| S66 | 1 | S65 and S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:49 |
| S67 | 69152 | track\$3 with (obstacle\$1 or object\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:49 |
| S68 | 1469 | S67 and S65 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:49 |
| S69 | 158 | S68 and (camera\$1 and road and (vehicle or car or truck)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:50 |
| S70 | 26194 | specific with plane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:50 |
| S71 | 10 | S69 and S70 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:53 |
| S72 | 16890 | ((348/169,113,148,118,116,143, 416.1,699,142,169,139,222,363) or (382/107,104,103,157,199,154,190, 218,276,283,128)).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 14:07 |

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|-----|----|---|---|----|----|------------------|
| S73 | 41 | S69 and S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 15:28 |
| S74 | 1 | "6456730" .pn. and (line and segment and horizontal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 15:28 |
| S75 | 58 | (US-20030235327-\$ or US-20030099400-\$ or US-20030076414-\$ or US-20040057599-\$ or US-20050196034-\$ or US-20070154067-\$ or US-20040184638-\$ or US-20030222983-\$ or US-20070237362-\$ or US-20070230746-\$ or US-20070223840-\$ or US-20070222857-\$ or US-20070217709-\$ or US-20070217658-\$ or US-20020191837-\$ or US-20070223806-\$ or US-20070223787-\$ or US-20070217657-\$ or US-20070217656-\$ or US-20060013439-\$ or US-20040234124-\$ or US-20020134151-\$).did. or (US-6990253-\$ or US-6678394-\$ or US-6488109-\$ or US-6842531-\$ or US-6765480-\$ or US-6433816-\$ or US-6053268-\$ or US-5987174-\$ or US-5910817-\$ or US-5847755-\$ or US-5521633-\$ or US-6205242-\$ or US-5694483-\$ or US-6035067-\$ or US-5487116-\$ or US-7176959-\$ or US-6456730-\$ or US-5410346-\$ or US-5706355-\$ or US-5331312-\$ or US-4970653-\$ or US-6163755-\$ or US-7113867-\$ or US-6993159-\$ or US-6963661-\$ or US-7242817-\$). did. or (US-7027615-\$ or US-6819779-\$ or US-6812831-\$ or US-5517412-\$ or US-7132933-\$ or US-6466684-\$ or US-6445809-\$ or US-6172601-\$ or US-6111582-\$). did. or (JP-01217721-\$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2008/01/31 16:24 |

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|-----|-------|---|--|----|----|------------------|
| S76 | 24 | S75 and (eliminat\$4 or terminat\$3) | US-PGPUB; USPAT; JPO | OR | ON | 2008/01/31 16:42 |
| S77 | 10778 | comput\$3 same (fitness or motion) same (area\$1 or regions) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 16:43 |
| S78 | 418 | S77 and S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 16:43 |
| S79 | 32 | S78 and S72 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 17:38 |
| S80 | 10 | candidate with (area\$1 or region\$1) same belongs same plane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 17:46 |
| S81 | 68 | (detect\$3 or determin\$4) with (obstacle\$1 or object\$1) same motion same candidates with (areas or regions) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 17:48 |
| S82 | 66 | S81 and (image\$1 or picture\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 18:03 |

EAST Search History

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| S83 | 3 | S82 and S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 17:48 |
| S84 | 14 | S82 and plane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 18:03 |
| S85 | 1 | (eliminat\$3 or terminat\$3) same (object or obstacle) with track\$3 same trajectory with smooth | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:25 |
| S86 | 0 | (eliminat\$3 or terminat\$3) same (object or obstacle) with track\$3 same path with smooth | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:31 |
| S87 | 10 | (eliminat\$3 or terminat\$3) same (object or obstacle) with track\$3 same smooth | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:55 |
| S88 | 687 | (obstacle or object) with (detector or detecting) same (estimates or estimat\$3) with position with (obstacle or object) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:57 |
| S89 | 581 | (obstacle or object) with (detector or detecting) with (estimates or estimat\$3) with position with (obstacle or object) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:57 |
| S90 | 318 | S89 and (image\$1 or picture\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:58 |
| S91 | 119 | S90 and motion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 13:58 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 24079 | matthias.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:00 |
| S2 | 82388 | okada.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:00 |
| S3 | 1580 | zahn.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:00 |
| S4 | 38 | S1 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:11 |
| S5 | 983 | camera\$4 same detect\$6 same obstacle\$1 same vehicle | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:01 |
| S6 | 0 | stacle with candidate\$1 with (area\$1 or portion\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:03 |
| S7 | 42 | track\$6 same compar\$6 same obstacle\$1 same (areas or portions or area\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:11 |
| S8 | 2 | S5 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:04 |
| S9 | 0 | track\$5 same compar\$6 same obstacls same (regions or areas or zones) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:07 |

EAST Search History

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|-----|--------|--|---|----|----|------------------|
| S10 | 40 | track\$5 same compar\$6 same obstacles same (regions or areas or zones) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:12 |
| S11 | 14490 | track\$5 same compar\$6 same (regions or areas or zones) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:06 |
| S12 | 11 | S11 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:13 |
| S13 | 1693 | (obstacle\$1 or object\$1) with candidate\$1 with (area\$1 or portion\$1 or regions) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:06 |
| S14 | 678312 | compar\$6 same (regions or areas or zones) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:07 |
| S15 | 240 | S5 and S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:08 |
| S16 | 26 | S5 same S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:21 |
| S17 | 350 | (determin\$4 or identify\$4 or track\$6) same compar\$6 same obstacles same (areas or regions or zones) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:10 |
| S18 | 46 | S5 and S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:25 |
| S19 | 61 | (determin\$4 or identify\$4 or track\$6) same (discriminat\$4 or compar\$6 or judge\$6) same obstacles same ((three or more) with (areas or regions or zones)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:10 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S20 | 10 | track\$6 same obstacle\$1 same (succeeding or subsequent) same (images or frames) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 12:22 |
| S21 | 2 | "5410346" .pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 13:03 |
| S22 | 2 | "20040184638" .pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 13:04 |
| S23 | 2 | "4970653" .pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 13:05 |
| S24 | 2 | "5331312" .pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 13:05 |
| S25 | 11994 | line with segment\$1 with (detect\$6 or determin\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 14:26 |
| S26 | 14978 | detect\$6 with obstacle\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 14:26 |
| S27 | 158 | S25 and S26 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 14:26 |
| S28 | 81 | S27 and (camera\$1 or imaging) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 14:27 |
| S29 | 63 | S28 and vehicle | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 14:27 |

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|-----|------|--|---|----|----|------------------|
| S30 | 59 | S29 and (track\$3 or compar\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 14:27 |
| S31 | 563 | detect\$6 same obstacle same areas same images | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:12 |
| S32 | 2849 | camera same object same detect\$6 same (car or truck or vehicle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:35 |
| S33 | 102 | S31 and S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:12 |
| S34 | 35 | S31 same S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:12 |
| S35 | 590 | detect\$6 same obstacle\$4 same areas same (images or pictures) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:35 |
| S36 | 1097 | camera same object\$4 same detect\$6 same (car or truck or vehicle) same (areas or regions or sections or portions) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:36 |
| S37 | 37 | S35 same S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:37 |
| S38 | 166 | extract\$4 same obstacle\$4 same areas same (pictures or images) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:44 |
| S39 | 13 | S36 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:37 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S40 | 222 | extract\$4 same obstacle\$4 same (regions or areas) same (pictures or images) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:39 |
| S41 | 46 | S32 and S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:38 |
| S42 | 500 | extract\$4 same (objects or obstacles) same (pictures or images) same road | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:40 |
| S43 | 12928 | camera same detect\$4 same (car or truck or vehicle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:40 |
| S44 | 231 | S42 and S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:40 |
| S45 | 70505 | determin\$4 same (objects or obstacles) same (pictures or images) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:41 |
| S46 | 135 | S44 and S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:42 |
| S47 | 741 | S43 same S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:42 |
| S48 | 130 | S42 same S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:44 |
| S49 | 44 | S47 and S48 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:44 |

EAST Search History

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|-----|--------|---|---|----|-----|------------------|
| S50 | 86 | determin\$4 same extract\$4 same (objects or obstacles) same (pictures or images) same road same (vehicle or truck or car) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:45 |
| S51 | 46409 | camera same (car or truck or vehicle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:46 |
| S52 | 74 | S50 and S51 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 16:58 |
| S53 | 4 | ("20040184638" "5646679" "6008865" "6477260").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 17:29 |
| S54 | 15 | ("20010046310" "20020028001" "20050196034" "20060015252" "5521633" "5537110" "5717792" "5751211" "5771485" "5835880" "5847755" "6243482" "6434254" "6636257" "6990253").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 17:32 |
| S58 | 12010 | line with segment\$1 with (detect\$6 or determin\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 09:46 |
| S59 | 14992 | detect\$6 with obstacle\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 09:50 |
| S60 | 159 | S58 and S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 09:48 |
| S61 | 10 | ((("6842531") or ("6456730") or ("6842531") or ("6035067") or ("5706355") or ("20020134151")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/31 09:49 |
| S62 | 327307 | detect\$6 with (obstacle\$1 or object\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/31 11:47 |